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# Variable - height LOADING CHUTE



When sheep or hogs are to be loaded double-decked in a truck, the chute must be built to readily adapt to the two elevations of loading. A variable height permits easy loading into any type of truck body. The minimum desirable length for double-deck loading is 18 feet. In shorter chutes, the ascent pitch to the upper deck is too steep.

The concrete counterweight shown on the chute is designed to counterbalance part of the chute weight so one man can raise or lower the chute. The weight shown is designed for dressed lumber; if the chute is built of rough lumber a larger weight may be needed.

An entrance fence extending about 3 feet on each side at the bottom of the chute is needed to allow the chute to be moved forward or backward when it is elevated at different heights.

The detailed drawing does not show a catwalk or platform for the shepherd who supervises loading. A safe working place for the man should be built to suit the site.

## How to Order

Complete working drawings may be obtained through your county agent or from the Extension agricultural engineer at most State agricultural colleges. There is usually a small charge.

## ORDER PLAN NO. 5924, VARIABLE-HEIGHT LOADING CHUTE FOR SHEEP

If working drawings of this plan are not available in your State, write to the U.S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Md. The U.S. Department of Agriculture does not distribute drawings, but will direct you to a State that does distribute them.

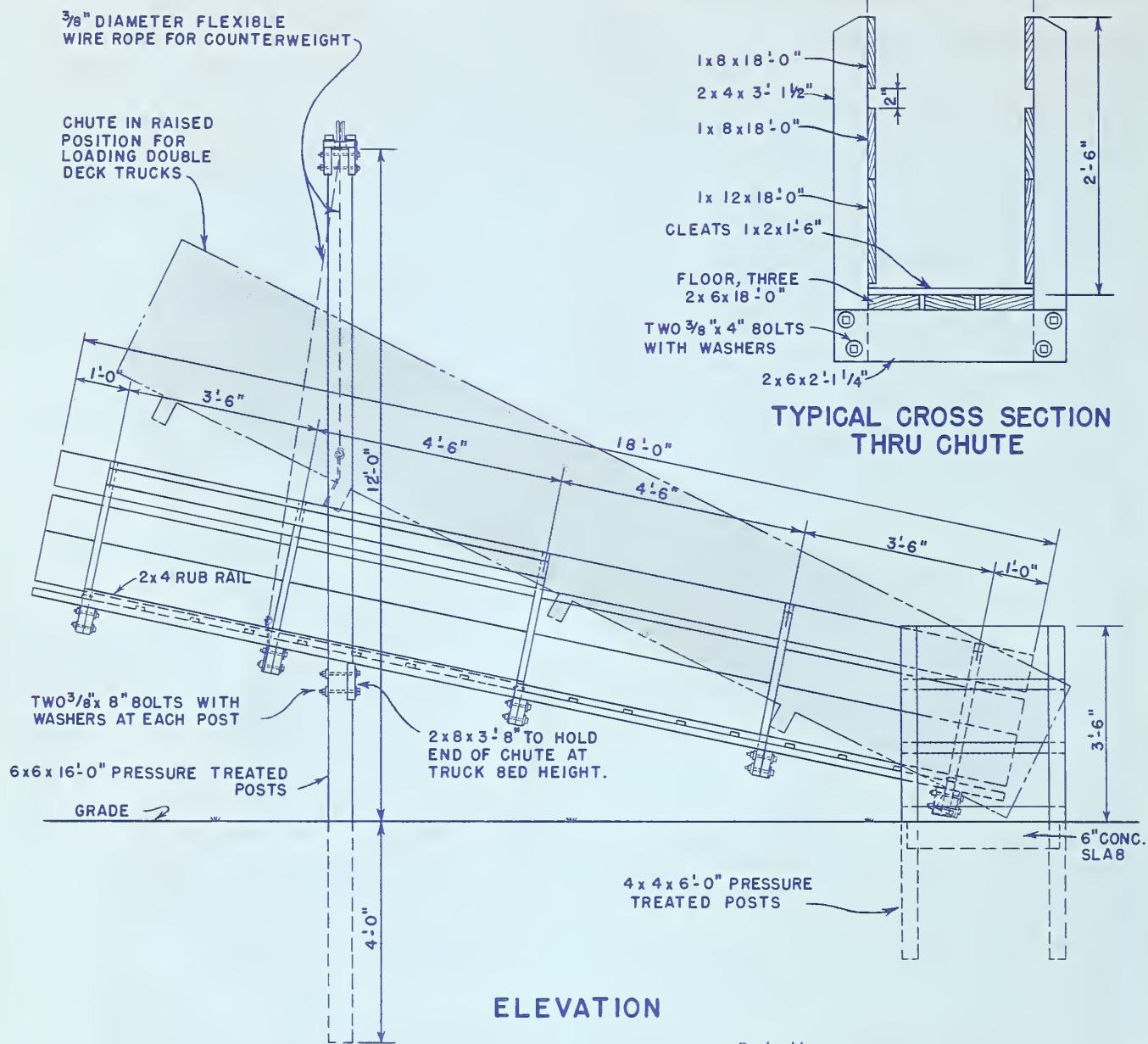
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